

Serial No.: 10/637,178
TKHR Docket No.: 190251-1771
Client Docket No.: 97068-CON

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A system for use in routing calls within a telephone network, comprising:
a service control point (SCP) operative to receive a local number portability (LNP) query from a switch, where the LNP query is associated with a call from a subscriber to a first service provider; and
an intelligent traffic routing and control (INTRAC) unit ~~operable to provide routing directions for the call;~~
where the SCP is further operative to direct the LNP query to the intelligent traffic routing and control unit when the call is a data call and ~~not~~ to an LNP processing unit when the call is a voice call,
where the INTRAC unit is operative to provide routing directions for the call in response to the LNP query.

2. (Original) The system of claim 1, where the routing directions comprise a Local Routing Number.

3. (Original) The system of claim 1, wherein the routing directions direct the call to an access server operated by the first service provider.

4. (Original) The system of claim 3, wherein the access server is chosen based on a type of service associated with the subscriber.

5. (Original) The system of claim 4, wherein the type of service comprises X2.

6. (Original) The system of claim 4, wherein the type of service comprises K56Flex.

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7. (Original) The system of claim 4, wherein the type of service comprises ISDN.

8. (Currently Amended) The system of claim 1, wherein [[the]] the routing directions direct the call to a trunk group connecting an access server operated by the first service provider and the switch.

9. (Currently Amended) The system of claim 1, wherein [[the]] the routing directions direct the call to an access server operated by a second service provider.

10. (Currently Amended) A method of routing calls within a telephone network, comprising:

receiving a local number portability (LNP) query from a switch, where the LNP query is associated with a call from a subscriber to a first service provider;

directing the LNP query to an intelligent traffic routing and control (INTRAC) unit when the call is a data call and ~~not to an LNP processing unit~~ when the call is a voice call; and providing routing directions for the call.

11. (Original) The method of claim 10, where providing routing directions for the call further comprises:

providing routing directions which direct the call to an access server operated by the first service provider.

12. (Original) The method of claim 10, where providing routing directions for the call further comprises:

providing routing directions which direct the call to a trunk group connecting the switch and an access server operated by the first service provider.

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13. (Original) The method of claim 10, further comprising:

evaluating resources available at the first service provider.

14. (Original) The method of claim 13, further comprising:

identifying a preferred access server operated by the first service provider, responsive to evaluating resources available at the first service provider.

15. (Currently Amended) An apparatus comprising:

a service package manager operative to receive a Local Number Portability (LNP) query from a switch, the LNP query associated with a call from a subscriber to a first service provider, the service package manager further operative to determine a call type of the call;

[a] an intelligent traffic routing and control (INTRAC) unit operative to generate a LNP response if the call type is a data call; and

[a] an LNP processing unit; operative to generate a LNP response the the call type is not a data call.

the service package manager further operative to direct the LNP query to the INTRAC unit if the call type is a data call and to direct the LNP query to the LNP processing unit if the call type is other than a data call.

the INTRAC unit operative to generate an LNP response to a received LNP query, and

the LNP processing unit operative to generate an LNP response to a received LNP query.

15. (Currently Amended) The apparatus of claim 15, wherein the call type is determined by comparing a Called Party Address Address field in the LNP query with telephone numbers in a database.

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17. (Original) The apparatus of claim 15, wherein the LNP response generated by the INTRAC unit contains the Local Routing Number of a preferred access server operated by the first service provider.
18. (Original) The apparatus of claim 15, wherein the INTRAC unit is a service package application.
19. (Original) The apparatus of claim 15, wherein the LNP processing unit is a service package application.
20. (Original) The apparatus of claim 15, wherein the LNP processing unit and the INTRAC unit share the same Sub-System Number and the same translation type.